

Express Mail Label No. \_\_\_\_\_ Dated: \_\_\_\_\_

Docket No.: 09852/0205178-US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Michiya Nakashima et al.

Application No.: National Phase of  
PCT/JP2005/000749

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: ION CONDUCTOR AND  
ELECTROCHEMICAL DISPLAY DEVICE  
UTILIZING THE SAME

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

Citations BK-BN are not in the English language. In accordance with 1.98(c), Applicants state:

The requirement for concise explanation of relevance of Citations BK and BN is satisfied by the attached translation of the abstract (see MPEP § 609 A(3)). Also enclosed is an English language copy of a Search Report from a foreign patent office, issued in a counterpart application.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: July 17, 2006

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Michiya Nakashima
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	09852/0205178-USO

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-5,161,048-A	11-03-1992	Rukavina	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†*
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-99/44245-A1	09-02-1999	Ramot University Authority for Applied Research & Industrial Development Ltd.		
	BB	JP-2002-505506-A	02-19-2002	Ramot University Authority for Applied Research & Industrial Development Ltd.		
	BC	JP-2003-178777-A	06-27-2003	Samsung Electronics Co., Ltd.		
	BD	JP-2004-339422-A	12-02-2004	Mitsui Chemicals, Inc.		
	BE	JP-2005-36211-A	02-10-2005	Dainippon Ink and Chemicals, Inc.		
	BF	JP-2005-68311-A	03-17-2005	Dainippon Ink and Chemicals, Inc.		
	BG	EP-0 469 667-A1	02-05-1992	Solvay		
	BH	JP-4-239521-A	08-27-1992	Solvay		
	BI	JP-4-308819-A	10-30-1992	PPG Industries Inc.		
	BJ	JP-2003-315844-A	11-06-2003	Fuji Photo Film Co., Ltd.		
	BK	JP-2001-351832-A	12-21-2001	Meidensha Corp.		✓
	BL	JP-11-149825-A	06-02-1999	TDK Corp.		✓
	BM	JP-2000-11758-A	01-14-2000	Sony Corp.		✓
	BN	JP-2002-258327-A	09-11-2002	Sony Corp.; Sony International Europe GmbH		✓
	BO	WO-95/06332-A1	03-02-1995	Bell Communications Research Inc.		
	BP	WO-95/15589-A1	06-08-2005	Bell Communications Research, Inc.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IPW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, ...)	
Signature		Date Considered	

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Michiya Nakashima
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	09852/0205178-US0

Initials	No. <sup>1</sup>	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	International Search Report for PCT/JP2005/000749 mailed May 10, 2005.	
	CB	(1) Selkei Zairyo Silica/Polyamide Nanocomposite "Seryl", by IDEMURA et al., KOGYO ZAIRYO (Engineering Materials), November 1, 2001, Vol. 49, No. 11, pp. 35-38.	
	CC	Patent Abstracts of Japan for JP2001-351832 published on December 21, 2001.	
	CD	Patent Abstracts of Japan for JP11-149825 published on June 2, 1999.	
	CE	Patent Abstracts of Japan for JP2000-11758 published on January 14, 2000.	
	CF	Patent Abstracts of Japan for JP2002-258327 published on September 11, 2002.	

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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